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(54) METHOD FOR ASSAYING PROPORTION OF SACCHARIFIED PROTEIN

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for readily assaying the ratio of a saccharified protein to proteins in the same reaction vessel.

SOLUTION: This method for assaying the proportion of the saccharified protein comprises carrying out the following steps (1) to (3) in the same reaction vessel: (1) determination of the protein in the test solution; (2) protease-treatment of the protein; and (3) determination of the saccharified protein by using an enzyme acting on a saccharified amino acid. The reaction pH and the combination of coloring dyes are optimized when a protein-determining reagent and a saccharified protein-determining reagent are used, and further the reaction is regulated so that the color change of the protein-determining reagent caused by the action of ≥ 500 PU/ml protease may not affect the determination of the saccharified protein. The ratio of the saccharified protein to the proteins in the serum, the plasma or the whole blood can be accurately, readily and inexpensively determined.

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